



2008718

August 9, 2002

Mr. Jim Christiansen
United States Environmental Protection Agency
Region 8
999 18th Street - Suite 300
Denver, CO 80202-2466

Ref: 8EPR-SR

RE: Richardson Flat Monthly Status Report for July 2002

2002 AUG 13 AM 11:51
EPA REGION VIII
SUPERFUND BRANCH

Dear Mr. Christiansen:

This monthly Status Report details site activities conducted at Richardson Flat for July 2002. Also included are the laboratory analytical data from the surface water and groundwater samples collected during June 2002.

Sampling Activities Conducted:

Surface and groundwater were sampled on July 9, 2002.

Surface and Groundwater Sampling:

On July 9, 2002 the fifteenth and final round of monthly surface water sampling was conducted. Surface water samples were collected at locations RF-4, RF-7-2 and RF-8. One duplicate sample was collected at location RF-7-2. Surface waters were not encountered or surface water flows sufficient to collect samples without disturbing sediments at locations RF-12, RF-11, RF-8, RF6-2, RF3-2, RF-2 and RF-1. Groundwater samples were collected at locations RT-11, RT-12, RT-13 and RT-14. One duplicate sample was collected at location RT-11. Monitoring well RT-15 did not contain water and was not sampled.

Results:

The results of the June 3, 2002 surface water and groundwater sampling are reported in Table 1.

The results of the July 9, 2002 surface water and groundwater sampling have not been received from the laboratory. Laboratory and chain-of-custody reports are located in Appendix A. Field data sheets can be found in Appendix B. An electronic copy of the AEC and Frontier Geosciences laboratory analytical reports will be emailed to you and Jeff Montera.

Planned Activities: August 2002

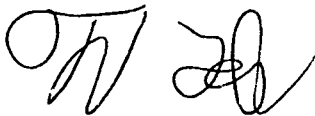
RMC will prepare a Sampling and Analysis Plan to collect samples for the ecological risk assessment.

Planned Activities: September 2002

RMC will continue to work on documents and field activities as required to complete all required work at the Site.

If you should have any questions or comments, please contact me at 801-255-2626.

Best regards,

A handwritten signature in black ink, appearing to read 'Todd Leeds', written over a horizontal line.

Todd Leeds
RMC

Attachment: Table 1, Analytical Summary – Water, May 2002

Cc: Jeff Montera
Susan Griffin
Kerry Gee
Kevin Murray
Muhammed Slam
Lynn Woodbury
Exponent

Table 1, Analytical Summary - Surface and Groundwater Data, Richardson Flat Remedial Investigation
JUNE 2002

(units mg/l, unless specified)

Date	Sample #	AG	AG(D)	AL	AL(D)	ALK.	AS	AS(D)	CA	CATIA N BAL	CD	CD(D)	CL-	CO3	COND	CR	CR(D)	CU	CU(D)	FE	FE(D)	HARD	HCO3	HG ppb	HG(D) ppb	K	MG	MIN	MIN(D)	NA	NH3N	NO2/N O3	PB	PB(D)	SB	SB(D)	SE	SE(D)	SO4=	TDS	TSS	ZN	ZN(D)									
GROUND WATER																																																				
3-Jun-02	RF-GW-RT-11	<005	<005	0.098	<050	197	0.008	0.006	246	<1.0	0.12	0.1	540	<1.0	2640	<010	<010	0.023	0.022	<10	<10	865	197	<20	<20	<2.0	61	0.044	0.037	189	<10	0.1	<10	0.38	0.34	0.018	0.019	0.004	<004	379	1771	<1.0	8.6	8.2								
3-Jun-02	RF-GW-RT-5011	<005	<005	<050	<050	183	0.006	0.005	247	<1.0	0.11	0.11	527	<1.0	2640	<010	<010	0.025	0.022	<10	<10	864	183	<20	<20	<2.0	60	0.043	0.037	195	<10	<10	0.38	0.34	0.018	0.017	<004	<004	373	1726	<1.0	8	8.2									
3-Jun-02	RF-GW-RT-12	<005	<005	0.11	<050	159	0.036	0.014	234	3.4	0.019	0.013	175	<1.0	1729	<010	<010	<005	<005	13	9.5	736	159	2.6	1.7	<2.0	37	4.2	4.2	84	<10	<10	0.012	<005	0.007	<005	<004	<004	600	1296	26	8.1	7.6									
3-Jun-02	RF-GW-RT-13	<005	<005	0.057	<050	315	<005	<005	316	2.8	0.002	<001	49	<1.0	1825	<010	<010	<005	<005	<10	<10	1057	315	<20	<20	<2.0	65	2.9	2.7	22	<10	1.3	<10	<005	<005	<005	<007	<004	807	1516	<1.0	.010*	0.013									
3-Jun-02	RF-GW-RT-14	<005	<005	<050	<050	270	<005	<005	267	3	<001	<001	83	<1.0	1723	<010	<010	<005	<005	0.17	0.11	906	270	<20	<20	<2.0	58	7.7	7.5	39	<10	<10	<005	<005	<005	<004	<004	683	1378	<1.0	2	1.4										
SURFACE WATER																																																				
3-Jun-02	RF-SW-RF-4						<005	<005			<001	<001						<005	<005														<005	<005	<005					506	1203	2.2	0.87	0.61								
3-Jun-02	RF-SW-RF-5						<005	<005			<001	<001						<005	<005														<005	<005	<005					569	1282	<1.0	.21*	0.077								
3-Jun-02	RF-SW-RF-6-2						<005	<005			<001	<001						<005	<005														0.006	<005	<005	<005					681	1351	1.4	.15*	0.031							
3-Jun-02	RF-SW-RF-6-502						<005	<005			<001	<001						<005	<005														<005	<005	<005					680	1365	2.6	.069*	0.031								
3-Jun-02	RF-SW-RF-7-2	<005	<005	0.07	<050	150	<005	<005	133	<1.0	0.004	<001	180	<1.0	1284	<010	<010	<005	<005	0.34	<10	472	150	<20	<20	<2.0	34	0.33	0.26	71	<10	0.13	0.022	0.006	0.012	<004	<004	235	837	2.3	0.77	0.63										
3-Jun-02	RF-SW-RF-8	<005	<005	0.13	<050	156	0.018	<005	140	<1.0	0.004	<001	187	<1.0	1325	<010	<010	0.01	<005	0.49	<10	494	156	<20	<20	<2.0	35	0.27	0.22	73	<10	<10	0.074	<005	0.015	<005	<004	<004	241	828	4	0.8	0.65									

Notes:

RF-GW-RT5011 is a duplicate of RF-GW-RT11

RF-SW-RF-6-502 is a duplicate of RF-SW-RF-6-2

*. Preparation Blank indicates that Zn results may be subject to bias at or near the detection limit

TARGET SHEET
EPA REGION VIII
SUPERFUND DOCUMENT MANAGEMENT SYSTEM

DOCUMENT NUMBER: 2008718

SITE NAME: RICHARDSON FLAT TAILINGS

DOCUMENT DATE: 08/09/2002

DOCUMENT NOT SCANNED

Due to one of the following reasons:

- ☐ PHOTOGRAPHS
- ☐ 3-DIMENSIONAL
- ☐ OVERSIZED
- ☐ AUDIO/VISUAL
- ☐ PERMANENTLY BOUND DOCUMENTS
- ☐ POOR LEGIBILITY
- ☐ OTHER
- ☐ NOT AVAILABLE
- ☒ TYPES OF DOCUMENTS NOT TO BE SCANNED
(Data Packages, Data Validation, Sampling Data, CBI, Chain of Custody)

DOCUMENT DESCRIPTION:

APPENDIX A Laboratory Reports, Chain-of-Custody
APPENDIX B Field Data Sheets

